


*Mining file*

May 12, 1987

TO: File

FROM: Frank J. Filas, Reclamation Engineer 

RE: Site Inspection, M/049/006, Clinton Clay Pit

On May 6, 1987, Frank Filas, Frank Jensen, and Dave Wham of the Division met George Beamer of Interpace Industries onsite at the Clinton Clay Pit. The site is located just west of Lehi and Highway 68. A county maintained road runs parallel to and just south of the clay pits. Most of the site consists of prelaw mine disturbance and will not be covered by the permit. Those areas that have been actively mined after 1975, and are to be included in the permit, are described below:

#### West End of Property

The eastern most portion of the West Cut (hereafter referred to as the West Pit) and the long, narrow cut immediately to the north of it are to be covered by the permit. The West Pit is mined out, but the narrow cut will be mined down an additional 20 feet. Also included in the permit are the haul roads within the pit areas, the stockpile pad, and the topsoil storage area. Total post 1975 disturbance is estimated to cover five to six acres.

There is insufficient spoil material available to completely backfill the West Pit. We all agreed that the most practical way to reclaim this area was to leave the north, solid rock highwall and push in the softer material on the remaining sides. These regraded slopes would have a slope angle of two horizontal to one vertical or less. The West Pit will not be self-draining, and an impoundment variance will be required. Currently, most of the pit bottom is covered by mud and six inches of brackish water. It was recommended that a smaller bermed pond be constructed during reclamation so that higher water levels could be maintained year round.

Upon conclusion of mining, it was agreed, that the narrow cut to the north will be backfilled as much as is possible with the available waste material and sloped to drain into the pond in the West Pit. If possible, the sides of the cut will be pushed in and graded smooth. Solid rock highwalls will require a variance, if they are to be left.

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#### Main Stockpile Site

The main stockpile site is located on the extreme east end of the property on the bend in the road. The stockpile base has been built up several feet in height. Mr. Beamer indicated that Interpace planned to put this built up material back into the pit as backfill when the site is reclaimed.

#### Older Stockpile Site:

We observed an older subeconomic clay stockpile area between the prelaw South cut and the Lehi Cut. It was assumed that this area was prelaw, but a review of the permit area map shows this area as a post 1975 work disturbance. If this is indeed the case, the Division recommends that this material be used for backfill or as substitute soil material in the reclamation of the pits.

#### Trenching

There are a number of prelaw trenches and associated spoil piles surrounding the pits. Mr. Beamer indicated that he planned to do some exploration work in a number of them. It was agreed that all reworked trenches will be backfilled and reclaimed.

#### Prelaw Pits

The possibility of Interpace pushing the small spoil piles along the prelaw pits back into the pit areas was discussed. The Division will not hold Interpace responsible for any of this work, nor for the prelaw pits. If Interpace decides to do this, we advised Mr. Beamer to push the spoil material into those areas that would benefit most from the extra soil material.

#### General

It was agreed that topsoil and the best available soil material would be segregated and used to cover all graded areas. The Division will provide recommendations for a suitable seed mix and a letter stating what additional information is required for permit approval.

clj  
cc: L. Braxton  
F. Jensen  
D. Wham  
1117R/51-3